

BRUHATH BANGALORE MAHANAGARA PALIKE
Yelahanka Division
Work Slip: As per Std Tender Documents

Name of Work:

Construction of RO Plant in ward no:03

Estimate Amount:-

15,00,000.00

Name of Contractor:-

P.Ravichandra

Approved amount:-

13,13,238.00

Tender premium:-

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount	Remarks
			Qty	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	KSRB 2-1.1: Earth work in surface excavation in hard soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3 I.P. No. 5/ Item No. 2.2/ PWD SR 2016-17	cum	10.00	395.58	3956.00	10.00	10.00	395.58	3956.00	0.00	395.58	0.00	3956.00	0.00	0.00	
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification. specification No. KHS 2.1(b) / 2.3.5, No. 5	cum	19.41	508.92	9878.00	17.66	17.66	508.92	8987.00	0.00	508.92	0.00	8987.00	0.00	891.00	
3	KSRB 100-1 Loading and unloading of stone aggregates / sand/ kanker/ Moorum /soil KSRB M100-1 Placing tipper at loading with front end loader dumping turning for return trip excluding time for haulage and return trip complete as per specification item No 17.1 page 130 and KSRB M100.4.1 cost of haulage excluding loading and unloading MORTH to a distance of 4.00 KM (Item No 17.4 Page 134 (SR 2016-17)	cum	29.41	91.89	2702.00	27.66	27.66	91.89	2541.00	0.00	91.89	0.00	2541.00	0.00	161.00	

1	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	Actual Amount	Difference
			Qty	Rates	Amount		Qty	Rates	Amount	Qty	Rates	Amount			
4	KSRB-4.1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	Cum	3.96	5782.91	22900.00	3.51	3.51	5782.91	20321.00	0.00	5782.91	0.00	20321.00	0.00	22900.00
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2016-17	Cum	8.10	227.83	1845.00	6.21	6.21	227.83	1414.00	0.00	227.83	0.00	1414.00	0.00	1845.00
6	KSRB 5.2.3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR	Cum	10.91	5209.38	56834.00	9.67	9.67	5209.38	50385.00	0.00	5209.38	0.00	50385.00	0.00	56834.00
7	KSRB 5.3.3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chisler dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page	Cum	5.18	6214.76	32192.00	7.94	6.48	6214.76	40241.00	1.46	6214.76	9092.00	49333.00	37942.00	32192.00
8	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 112/ Item No. 15.1 PWD SR 2016-17	sqm	10.24	159.82	1637.00	23.36	12.80	159.82	2046.00	10.56	159.82	1688.00	3734.00	2047.00	1637.00

Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount	Remarks
		Qty	Rates	Amount		Qty	Rates	Amount	Qty	Rates	Amount				
2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20
9 KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 320kgs. with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplasticiser @ 3lit conforming to IS9103-1999 Refirmed 2008 machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification.	Cum	3.62	6414.25	23220.00	5.61	4.53	6414.25	29024.00	1.09	6414.25	6964.00	35988.00	12768.00	0.00	
10 KSRB 4.6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.37/ PWD SR	sqm	9.86	366.11	3610.00	25.51	12.33	366.11	4512.00	13.19	366.11	4827.00	9339.00	5729.00	0.00	
11 KSRB 5.14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to IS: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25/ Item No. 5.27/	sqm	39.43	1033.72	40760.00	57.64	49.29	1033.72	50949.00	7.75	1033.72	8009.00	58958.00	18198.00	0.00	
12 KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KHS	Tn	0.24	80437.12	19305.00	0.39	0.39	80437.12	24131.00	0.09	80437.12	7239.00	31370.00	12065.00	0.00	
13 KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour Curing complete as per specifications. Page No. 122/ Item No. 15.11/	sqm	80.22	218.76	17549.00	60.39	90.39	218.76	19774.00	0.00	218.76	0.00	19774.00	2225.00	0.00	

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount
			Qty	Rates	Amount		Qty	Rates	Amount	Qty	Rates	Amount			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
14	FIXTURES for doors and windows Page No XIV SR 2016-17														
	Hinges 5" heavy duty	Each	16.00	38.83	621.00	16.00	16.00	38.83	621.00	0.00	38.83	0.00	621.00	0.00	0.00
	bottom lock nail	Each	20.00	49.33	987.00	20.00	20.00	49.33	987.00	0.00	49.33	0.00	987.00	0.00	0.00
	MS Clamps	Each	16.00	39.88	638.00	16.00	16.00	39.88	638.00	0.00	39.88	0.00	638.00	0.00	0.00
	Brass screws 25mm	Each	100.00	2.20	220.00	100.00	100.00	2.20	220.00	0.00	2.20	0.00	220.00	0.00	0.00
15	Providing and fixing single shutter glass door of 12mm thick plain Toughened glass (Saint Gobain/Modi float).The door is fixed by using any approved make hardware fitting like patch fitting, pivot, Floor machine, locking arrangements and suitable SS door rails with Floral glass etching for 1/3 portion of door area etc complete. The rate includes cost of all materials, labour, hire of tools & machineries, and as per specification. Page No 310/ Item No.	sqm	4.20	10128.60	42540.00	0.00	0.00	10128.60	0.00	0.00	10128.60	0.00	0.00	0.00	42540.00
16	Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of sized 600x600x10mm thick fixed on existing flooring with special ruffle adhesive for flooring and skirting etc., complete including providing spacers at required interval and removing stains etc., complete. Page No. 104	sqm	14.00	1173.13	16424.00	14.40	14.40	1173.13	16893.00	0.00	1173.13	0.00	16893.00	469.00	0.00
17	KSRB 14.13.1: Providing precast chequered mosaic tiles dark shade using ordinary grey cement for steps and flooring, with precast 20mm thick, using marble chips of approved colour 7 to 10 nominal size laid in floors, steps and landings on a bed of 12mm thick cement mortar 1:6, mix, jointed with neat cement slurry mix with pigment to match the shade of tiles curing, rubbing, polishing, oxalic acid wash, wax polish, including cost of materials, labour, H.M. machinery complete as per	sqm	4.00	1212.80	4851.00	9.64	5.00	1212.80	6064.00	4.64	1212.80	5621.00	11685.00	6834.00	0.00
18	KSRB 15-17.2: Applying priming coat over new wood surface and / or wood based surface after brushing with wood primer pink paint including preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 114/ Item No.	sqm	8.22	52.14	429.00	0.00	0.00	52.14	0.00	0.00	52.14	0.00	0.00	0.00	429.00

S.No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount
			Qty	Rates	Amount		Qty	Rates	Amount	Qty	Rates	Amount	17	18	19
19	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour complete as per specifications. Page No 118 / Item No. 15.60.1 / PWD SR 2016-17	Sqm	8.22	109.95	904.00	0.00	0.00	109.95	0.00	0.00	109.95	0.00	0.00	0.00	904.00
20	KSRB 15 15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour complete as per specifications. with primer Page No.113/ Item No. 15.51.2 / PWD SR	sqm	8.22	98.61	811.00	57.04	10.28	98.61	1013.00	46.76	98.61	4611.00	5624.00	4813.00	0.00
21	KSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with primer page No.114 item No 15.53.2/PWD SR 2016-17	sqt	4.20	115.61	486.00	57.04	5.25	115.61	607.00	51.79	115.61	5987.00	6594.00	6108.00	0.00
22	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolum iron Trapezoidal profiled sheet of approved make 1060mm width (1000mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2ribs at the center for stiffening . The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc -Alu Alloy coating AZ 150 gsm as pe ASTM 1397/A755-550 mpa steel grade. 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling self tapping screws of 25mm length,to be fixed over the existing purlins rafters channel and trusses. No. 309/ Item No. 18.30 /PWD SR 2016-17	sqm	31.25	779.82	24369.00	0.00	0.00	779.82	0.00	0.00	779.82	0.00	0.00	0.00	24369.00
23	Steel Pre fabricates structure with a 14 Gauge (3)* each 60 kg including cutting and transportation complete B) Electrification,wiring and lighting etc to RO Plant	kgs	245.00	99.70	24427.00	0.00	0.00	99.70	0.00	0.00	99.70	0.00	0.00	0.00	24427.00

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount
			Qty	Rate	Amount		Qty	Rate	Amount	Qty	Rate	Amount			
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19
1	Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5sqmm Cable conforming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet, GROUP A KPWD Electrical SR for 2014-15 2.3.1) Short point upto 3Mtr from tapping point to out	Point	3.00	151.13	453.00	3.00	3.00	151.13	453.00	0.00	151.13	0.00	453.00	0.00	0.00
	2.3.2) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box, KPWD Electrical SR for 2014-15	Point	3.00	225.64	677.00	3.00	3.00	225.64	677.00	0.00	225.64	0.00	677.00	0.00	0.00
	2.3.3) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch box KPWD Electrical SR for 2014-15	Point	3.00	350.53	1052.00	3.00	3.00	350.53	1052.00	0.00	350.53	0.00	1052.00	0.00	0.00
2	Open Conduit System Supplying heavy gauge PVC conduit pipe dia mm thick conforming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 1.1.1) 19/20mm dia 2mm thick KPWD	Mtr	5.00	56.67	283.00	5.00	5.00	56.67	283.00	0.00	56.67	0.00	283.00	0.00	0.00
3	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & conforming to GTP of GROUP -A, 2.5.2) 1.5 sqmm, KPWD	Mtr	5.00	19.52	98.00	5.00	5.00	19.52	98.00	0.00	19.52	0.00	98.00	0.00	0.00
	2.5.1) 1 sqmm.	Mtr	5.00	13.64	68.00	5.00	5.00	13.64	68.00	0.00	13.64	0.00	68.00	0.00	0.00
	2.5.3) 2.5 sqmm.	Mtr	5.00	30.65	153.00	5.00	5.00	30.65	153.00	0.00	30.65	0.00	153.00	0.00	0.00
	2.5.4) 4 sqmm.	Mtr	5.00	44.18	221.00	5.00	5.00	44.18	221.00	0.00	44.18	0.00	221.00	0.00	0.00
4	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete	Each	1.00	91.31	91.00	1.00	1.00	91.31	91.00	0.00	91.31	0.00	91.00	0.00	0.00
	1.6.4) 8"x6"x3" (203x152x76mm)	Each	1.00	76.61	77.00	1.00	1.00	76.61	77.00	0.00	76.61	0.00	77.00	0.00	0.00
	1.6.1) 12"x12"x3" (300x300x76mm)	Each	2.00	121.74	243.00	2.00	2.00	121.74	243.00	0.00	121.74	0.00	243.00	0.00	0.00
5	Supplying 4mm thick plastic sheet with necessary niches for fixing switches, regulators etc., and fixing on existing wooden or metal box using NF screws. KPWD Electrical SR for	Sqcm	250.00	0.26	65.00	250.00	250.00	0.26	65.00	0.00	0.26	0.00	65.00	0.00	0.00

Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount
			Qty	Rate	Amount		Qty	Rate	Amount	Qty	Rate	Amount			
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19
5	Supplying and fixing replacing of 6-16-32Amps electrical accessories on existing switch board. GROUP A KPWD Electrica SR for 2014-15														
	3.15.1) 6Amps SP Switch	Nos	2.00	36.73	73.00	2.00	2.00	36.73	73.00	0.00	36.73	0.00	73.00	0.00	0.00
	3.15.3) 6Amps 3 way 5 pin Socket	Nos	2.00	55.62	111.00	2.00	2.00	55.62	111.00	0.00	55.62	0.00	111.00	0.00	0.00
	3.15.6) 6 Amps lamp holder	Nos	2.00	50.38	101.00	2.00	2.00	50.38	101.00	0.00	50.38	0.00	101.00	0.00	0.00
	3.15.13) 16/6 Amps combined plug and socket with control switch	Nos	2.00	281.27	563.00	2.00	2.00	281.27	563.00	0.00	281.27	0.00	563.00	0.00	0.00
7	Supplying and fixing of modular switch, Socket/stepped electronic fan regulator, summer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP B 3.7.18) 1000-1200Watts Dimmer KPWD Electrica SR for 2014-15	Each	1.00	469.13	469.00	1.00	1.00	469.13	469.00	0.00	469.13	0.00	469.00	0.00	0.00
8	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898. 6.16.1) 5-32Amps SP KPWD Electrica SR for 2014-15	Each	1.00	438.69	439.00	1.00	1.00	438.69	439.00	0.00	438.69	0.00	439.00	0.00	0.00
9	Supplying, fixing, wiring, earth electrode for grounding conductors, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit. The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per IS specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc. the	Nos	1.00	2861.99	2862.00	1.00	1.00	2861.99	2862.00	0.00	2861.99	0.00	2862.00	0.00	0.00
10	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden panel using necessary nuts, bolts and washers. 6.7.1) 16Amps	Each	1.00	125.94	126.00	1.00	1.00	125.94	126.00	0.00	125.94	0.00	126.00	0.00	0.00
11	Supplying party type fluorescent tube light fitting of 4'-36-40 watts fluorescent tube fitting, made out of MS sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 Volts A.C. Supply including 1No 4'-36-40 Watts fluorescent tube	Each	3.00	356.83	1070.00	3.00	3.00	356.83	1070.00	0.00	356.83	0.00	1070.00	0.00	0.00

[illegible]

Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount
		Qty	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate	Amount			
2	3	4	5	6	10	11	12	13	14	15	16	17	18	19
Type MOC	Two/Three Layered PE tanks white / transparent in color made from virgin material of Food Grade Quality, suitable for the purpose of providing													
	Storage drinking / potable water. 5000liters capacity.													
BEMP Approved Rates		1.00	946000.00	946000.00	1.00	1.00	946000.00	946000.00	0.00	946000.00	0.00	946000.00	0.00	0.00
Grand total				1313238.00				1244480.00			54338.00	1298522.00	88447.00	103180.00

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/ Approved Amount x 100

Approved Amount =	1313238.00
Excess Amount =	88447.00
Savings Amount =	103180.00
Percentage of Workslip =	$\frac{\text{Excess Amount}}{\text{Approved Amount}} \times 100$
Percentage of Workslip =	6.74 %

Contractor

Assistant Engineer

ಕಾರ್ಯಾಲಯದ ಅಧ್ಯಕ್ಷರು
ಯಲಕಂಠೆ ಉಪನಿಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-108

ಕಾರ್ಯಾಲಯದ ಅಧ್ಯಕ್ಷರು
ಯಲಕಂಠೆ ಉಪನಿಗರ
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು - 560004

"WORKSLIP APPROVED"

ಮುಖ್ಯ ಅಧ್ಯಕ್ಷರು